#### HPCwire

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The Portland Group (PGI) is now shipping its High Performance Fortran (HPF) compiler. For more information, see the PGI home page at <http://www.pgroup.com> or retrieve the following HPCwire articles:

- 4815) Special PGI Program Promotes Parallel Computing in Education
- 4817) First Production Release of pghpf Compiler from PGI
- 4822) PGI Announces HPF Compilers on Silicon Graphics Systems
- 932) The Portland Group Backgrounder and Fact Sheet

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- 1520) Two Faces of New Congress Will Weigh Future of HPCC and NII
- 4879) 1994 Gordon Bell Award Winners Announced at Supercomputing 94
- 1521) FEATURE: Making the NII Real, SC'94 Keynote by Edward R. McCracken

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### SPECIAL SUPERCOMPUTING '94 SUPPLEMENT

950) We missed you at SC'94 and you still have a second chance! To access the LIVEwire daily coverage issues of SC'94, retrieve <950>.

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- 4882) MASSIVELY PARALLEL COMPUTING COULD HELP GUIDE BRAIN SURGERY.......100 MPP computing is helping Sandia National Lab scientists who are working with doctors to develop 3-D computer imaging techniques.
- This report describes a short-term effort to construct a prototype for NSE which will demonstrate how the evolving NII can be used to facilitate sharing of software and information among members of the High Performance Computing and Communications (HPCC) community.

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	vector machines aren't powerful or that they haven't done a good job
	solving problems. It's that microprocessors can get even more powerful,
	solve even more problems and do it at a fraction of the cost."
	Edward R. McCracken, Chairman and CEO, Silicon Graphics, Inc.
	Edward R. McCracken, Charrinan and CEO, Silicon Graphics, Inc.
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1521)	MAKING THE NII REAL: Supercomputing 94 Keynote Address651
	FEATURE by Edward R. McCracken, Chairman and CEO of Silicon Graphics
	The role of high-performance computing, its future, even the way we
	define it, is all changing, and it's critical that we embrace that
	change rather than fight it.
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Re- hpcwire Convex, Cornell Theory Center, Cray Research, IBM POWERparallel, Intel SSD, Los Alamos National Laboratory, Pittsburgh Supercomputing Center, Silicon Graphics. < \* > New Listings. 2888) Calendar of Upcoming HPC Events (4 New Listings)......102 New Listings: DSP WORLD EXPO - ICSPAT'95; 3 Maui HPC User Workshops. \_HPCwire SPONSORS\_ Full background information on all Sponsoring Companies 900) Ampex 915) Genias Software 905) Maximum Strategy \*912) Avalon Computer 930) HNSX Supercomputers 906) nCUBE 921) Cray Research Inc. 902) IBM Corp. 932) Portland Group 907) Digital Equipment 904) Intel SSD 935) Silicon Graphics \*931) Sony Corporation 909) Fujitsu America 916) MasPar Computer \*Updated information within last 30 days \*\*\* LAST ISSUE'S MOST REQUESTED ITEMS FROM HPCwire \*\*\* 1518) Hi-Demand, Lo-Price Dilemma for Scalable Vendors......289 608) Boydell's Comments on: T3D Sets Performance/Scalability Records...42 1519) FEATURE: Collective Communication on Two-Dimensional Meshes.....139 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Copyright 1994 HPCwire. Feel free to distribute this Table of Contents. \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* TO RETRIEVE ARTICLES Send a blank email to: <more@hpcwire.tgc.com>. On subject line, type number adjacent to article, no message text is necessary.

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